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... **RSSI**) output that is sampled by a 10-bit **ADC**. ... where, **RSSI**(d) is the **RSSI** value recorded
at distance d ... path loss exponent, and X σ is a **Gaussian** random variable ...
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... accumulated result; and a computer system estimating an **RSSI** of the ... functions at
input and output signals of the **ADC** are approximately **Gaussian** with **zero** ...
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... which signal decays), and σ X a **zero**-**mean Gaussian** random vector (in dB) with standard ...
This is the **RSSI** signal that has a dedicated **ADC** channel (channel 0 ...
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... standard deviation of the **Gaussian** distribution ... provides a **RSSI** output that is sampled
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... distribution of this factor is generally assumed to be **Gaussian**, with **zero** ... is converted
in digital form by a linear **ADC** with 16 ... P i (dBm) = **RSSI** 14 − 114 . ...
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DE Fague - Third IEEE International Symposium on Personal, ..., 1992 - ieeexplore.ieee.org
... This circuit digitizes the incoming **RSSI** signal (output from ... savings is achieved
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N Patwari, P Agrawal - Localization Algorithms and Strategies for Wireless ..., 2009 - books.google.com
... Radio Channel RSSIu **RSSI** Circuit **ADC** Pathloss Estimation ... Transmit power battery
variations • Receiver **RSSI** circuit device ... to be random, and **Gaussian**, with a ...

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B Kusy, G Balogh, J Sallai, A Ledeczi, M ... - Lecture Notes in Computer Science, 2007 - Springer
... as 8 MHz micro- controller, 9 kHz **ADC** sampling, 4 kB ... signal by analyzing the signal
at the **RSSI** pin of ... distribution of q-ranging errors is not **Gaussian**, but it ...
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